

# Converting Colors

Hex(72AD86)

Have a look what the booklet for  
Hex(72AD86) contains.

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# **Color**

**Hex(72AD86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72AD86
RGB	114, 173, 134
RGB Percent	45%, 68%, 53%
CMY	0.5529, 0.3216, 0.4745
CMYK	0.34, 0.00, 0.23, 0.32
HSL	140°, 26%, 56%
HSV	140°, 34%, 68%
XYZ	26.1861, 35.1858, 27.9656
YIQ	150.9130, -22.6450, -24.6370

# Conversions

## Conversions Part 2

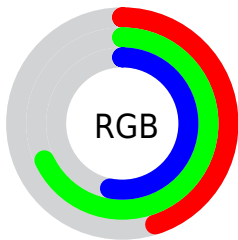
Format	Color
<a href="#">RYB</a>	<a href="#">114, 158, 173</a>
Decimal	<a href="#">7515526</a>
CIELab	<a href="#">65.89, -27.64, 14.06</a>
CIElCh	<a href="#">66, 31.012, 153.032</a>
Yxy	<a href="#">35.1858, 0.2931, 0.3939</a>
Android (android.graphics.Color)	<a href="#">4285705606 (0xFF72AD86)</a>
YUV	<a href="#">150.9130, -8.3381, -32.3727</a>
Hunter-Lab	<a href="#">59.3176, -25.0060, 13.5697</a>

# Details

The Hex color **72AD86** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD7299**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A8E5BB**, and **3F7854** is the 20% darker color. If you saturate the color by 10%, you get **61AD7B**, and if you desaturate by 10%, it is **83AD91**.

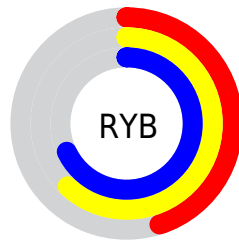
# Distribution



Red (45%)

Green (68%)

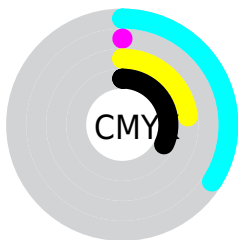
Blue (53%)



Red (45%)

Yellow (62%)

Blue (68%)

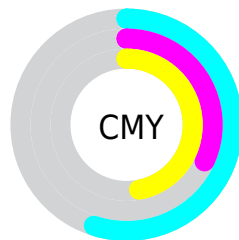


Cyan (34%)

Magenta (0%)

Yellow (23%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72AD86 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 72AD86 by changing the saturation by 10% instead.



 72AD86

 72AD86

FFFFFF

 58926D

 A8E5BB

 3F7854

 C3FFD7

 255F3D

 E0FFF3

 084727

FDFFFF

 003012

 001D00

 000000

 72AD86

 72AD86

 61AD7B

 83AD91

 4FAD6F

 95AD9D

 3EAD64

 A6ADA8

 2DAD58

 B7ADB4

 1CAD4D

 C9ADBF

 0AAD41

 DAADCB

 00AD3B

 EBADD6

 FCADE1

 FFADED

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93A771



72AD86



52AFA2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72AD86



7FA2D7



D68E83

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72AD86



AD7299

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D68B9E



72AD86



A798CF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72AD86



55AAD1



C68FBA



C8966F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72AD86



43AFB5



C68FBA



D78C8C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72AD86



CAE0D2



99AD72



637067



F0F0F0



707070



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72AD86



84E0A4



72ADA3



4E5751



009633



001708



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AD7299



E084C1



AD727C



574E54



960063



17000F



# Previews

## White Background



This preview shows how the Hex color 72AD86 looks on a white background.

## Color Contrast Check

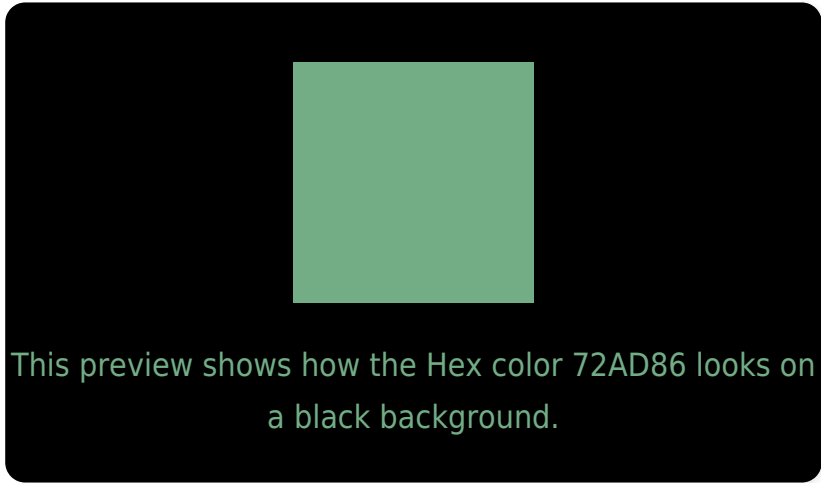
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

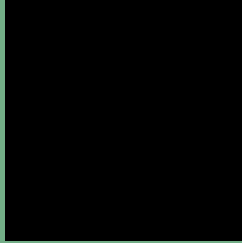
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72AD86 Background



This preview shows how black text looks on a background with the Hex color 72AD86.

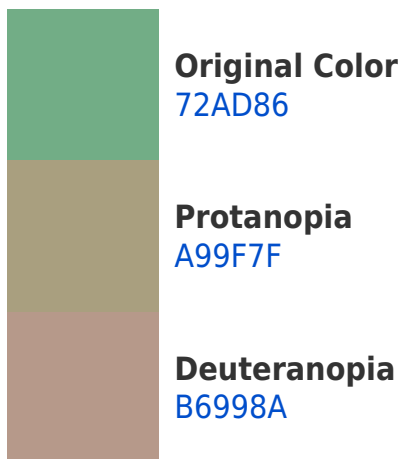


This preview shows how white text looks on a background with the Hex color 72AD86.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

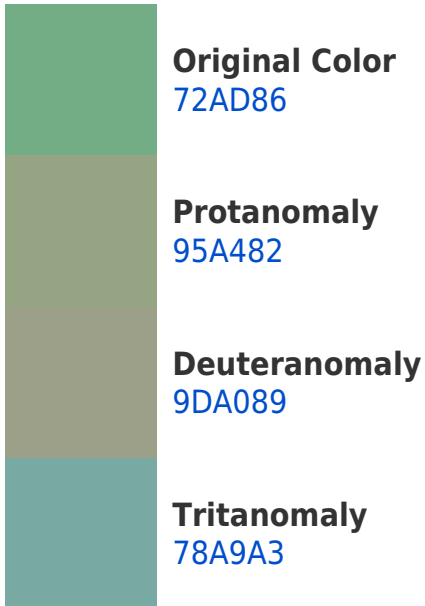
## Dichromacy



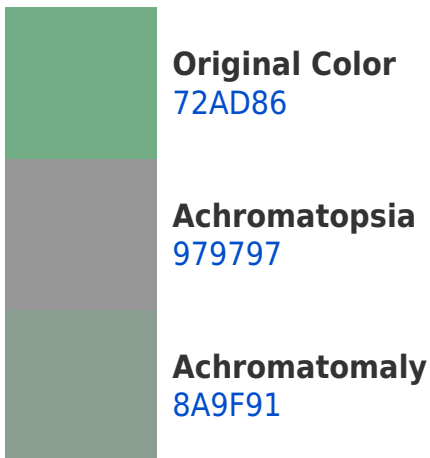


**Tritanopia**  
7CA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72AD86 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #72AD86 looks like.

```
.text, #text, p{  
    color:#72AD86  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #72AD86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AD86
}
```

## Border

The CSS property to change the border of an element to Hex 72AD86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72AD86 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#72AD86 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #72AD86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AD86; -webkit-box-shadow:4px 4px  
4px 4px #72AD86; box-shadow:4px 4px 4px  
4px #72AD86 }
```

# Background

The CSS property to change the background color of an element to Hex 72AD86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AD86 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#72AD86 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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